Register your product and get support at

www.philips.com/welcome

DVP3100



EN User manual

PHILIPS

Contents

1 Important 4
Safety and important notice 4
Trademark notice 4

2 Your DVD player 5
Feature highlights 5
Product overview 5

3 Connect 6
Connect video cables 6
Connect audio cables 7
Route audio to other devices 7
Connect power 7

4 Get started 7
Prepare the remote control 7
Find the correct viewing channel 8
Select menu display language 8
Turn on progressive scan 8

5 Play 8
Play a disc 8
Play video 9
Play music 10
Play photo 11

6 Adjust settings 11
General setup 11
Audio setup 12
Video setup 13
Preferences 13

7 Additional information 14
Care 14
Specifications 14

8 Troubleshooting 15

9 Glossary 16

1 Important

Safety and important notice

Warning

- Risk of overheating! Never install the product in a confined space. Always leave a space of at least 4 inches around the product for ventilation. Ensure curtains or other objects never cover the ventilation slots on the product.
- Never place the product, remote control or batteries near naked flames or other heat sources, including direct sunlight.
- Only use this product indoors. Keep this product away from water, moisture and liquid-filled objects.
- Never place this product on other electrical equipment.
- Keep away from this product during lightning storms.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Visible and invisible laser radiation when open. Avoid exposure to beam.

About Progressive Scan

Consumers should note that not all high definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture. In case of 525 or 625 progressive scan picture problems, it is recommended that the user switch the connection to the 'standard definition' output. If there are questions regarding our TV set compatibility with this model 525p and 625p DVD player, please contact our customer service center.

Disposal of your old product and batteries

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste.
Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.
Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

Copyright notice

Be responsible
Respect copyrights

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorised by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorised by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Trademark notice

DOLBY DIGITAL

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

DVD VIDEO

'DVD Video' is a trademark of DVD Format/Logo Licensing Corporation.

This apparatus includes this label:

CLASS 1
LASER PRODUCT

2 Your DVD player

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Feature highlights

Screen Fit
View the movie in full screen display on any TV.

Progressive scan video
Push the limits of standard resolution and provide a more film-like DVD video display on a TV screen.

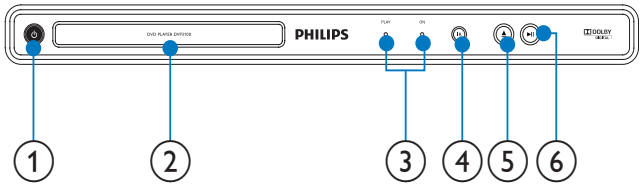
Region codes

You can play discs with the following region codes.

DVD region code	Countries
ALL 4	Australia, New Zealand

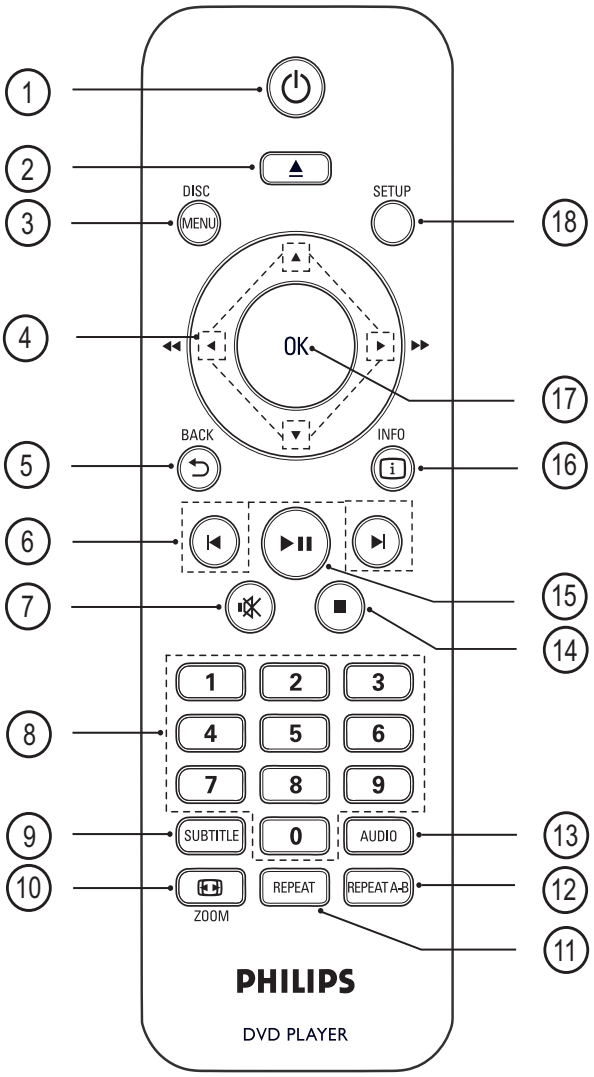
Product overview

Main unit



1. ⏻
 - Turn on the unit or switch to standby.
2. **Disc compartment**
3. **Indicators**
4. **IR sensor**
 - Remote sensor.
5. ⏏
 - Open or close the disc compartment.
6. ▶II
 - Start, pause or resume disc play.

Remote control



1. ⏻ **(Standby-On)**
 - Turn on the DVD player or switches to standby mode.
2. ⏏ **(Open/Close)**
 - Open or close the disc compartment.
3. **DISC MENU**
 - Access or exit the disc menu.
 - For VCD and SVCD, turn PBC (playback control) on or off in PBC mode.
4. **▲▼◀▶ (Navigation buttons)**
 - Navigate through the menus.
 - Search fast-forward (right) or fast-backward (left). Press repeatedly to change the search speed.
 - Search slow-forward (up) or slow-backward (down). Press repeatedly to change the search speed.

⑤ BACK
- Return to the previous menu.
- For DVD, navigate to title menu.
- For VCD version 2.0 or SVCD with PBC turned on, return to the menu.

⑥ ⏮/⏭ (Previous/Next)
- Skip to the previous or next title, chapter, or track.
- Press and hold for fast-backward or fast-forward search.

⑦ (Mute)
- Mute ot restore audio output.

⑧ Numeric buttons
- Select an item to play.

⑨ SUBTITLE
- Select a subtitle language for video.

⑩ ZOOM
- Fit the picture format to the TV screen (using zoom factor 1.3X and 1.6X).
- Zoom in or out of the picture.

⑪ REPEAT
- Toggle between various repeat modes.

⑫ REPEAT A-B
- Mark the section for repeat play, or turn off repeat mode.

⑬ AUDIO
- Select an audio language or channel.

⑭ ■ (Stop)
- Stop disc play.

⑮ ▶❚❚ (Play/Pause)
- Start, pause or resume disc play.

⑯ INFO
- For discs, display information about the current status or the disc.
- For slide shows, display a thumbnail view of photo files.

⑰ OK
- Confirm an entry or selection.

⑱ SETUP
- Access or exit the setup menu.

3 Connect

Make the following connections to use this product.

Basic connections:
- Video
- Audio

Optional connections:
- Route audio to other devices:
 - Digital amplifier/receiver
 - Analog stereo system

Note

- Refer to the type plate at the back or bottom of the product for identification and supply ratings.
- Before you make or change any connections, ensure that all the devices are disconnected from the power outlet.

Tip

- Different types of connectors may be used to connect this product to your TV, depending on availability and your needs. A comprehensive interactive guide to help you connect your product is available at www.connectivityguide.philips.com.

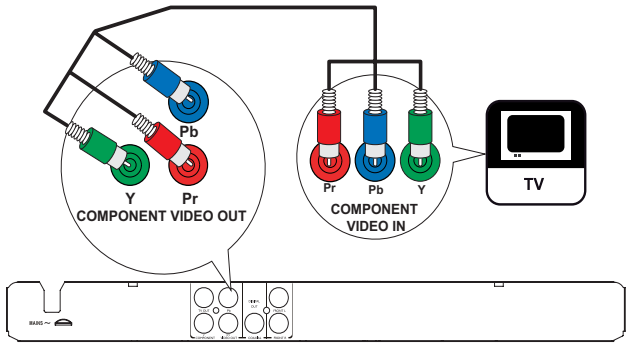
Connect video cables

Connect this product to TV to view disc play. Select the best video connection that TV can support.
- **Option 1:** Connect to component video jacks (for a standard TV or Progressive Scan TV).
- **Option 2:** Connect to video (CVBS) jack (for a standard TV).

Note

- You must connect this product directly to a TV.

Option 1: Connect to component video jacks

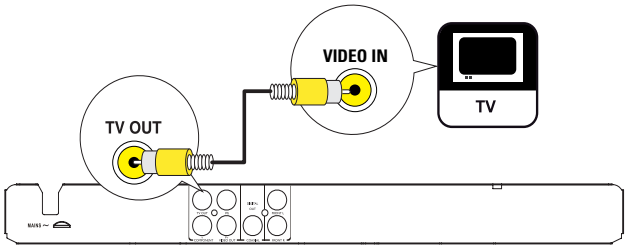


1 Connect the component video cables (not supplied) to:
- the **Y Pb Pr** jacks on this product.
- the COMPONENT VIDEO input jacks on the TV.

Tip

- The component video input jacks on the TV may be labeled as Y Pb/Cb Pr/Cr or YUV.
- This type of connection provides good picture quality.

Option 2: Connect to video (CVBS) jack

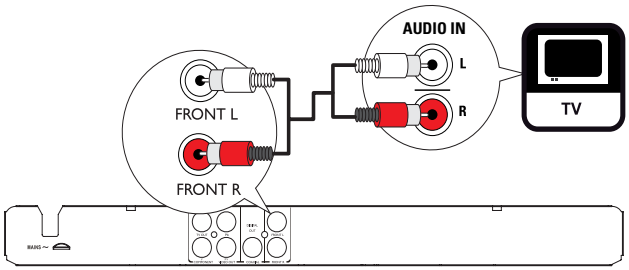


1 Connect a composite video cable to:
- the **TV OUT** jack on this product.
- the video input jack on the TV.

Tip

- The video input jack on the TV may be labeled as A/V IN, VIDEO IN, COMPOSITE or BASEBAND.
- This type of connection provides standard picture quality.

Connect audio cables



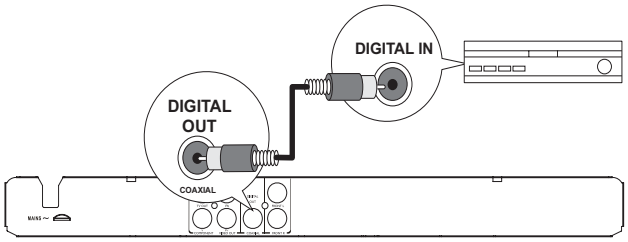
Connect the audio from this product to the TV to allow sound output through the TV.

1 Connect the audio cables to:
- the **FRONT L/R** jacks on this product.
- the audio input jacks on the TV.

Route audio to other devices

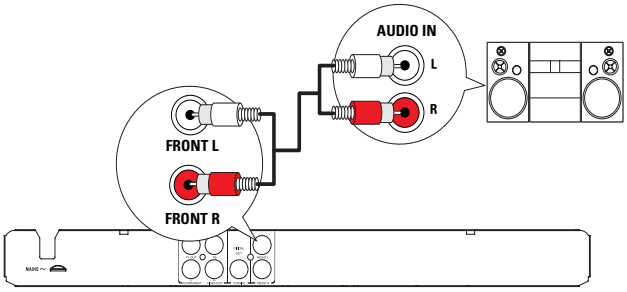
Route the audio from this product to other devices to enhance audio play.

Connect to digital amplifier/receiver



1 Connect a coaxial cable (not supplied) to:
- the **COAXIAL** jack on this product.
- the COAXIAL/DIGITAL input jack on the device.

Connect analogue stereo system



1 Connect the audio cables to:
- the **FRONT L/R** jacks on this product.
- the audio input jacks on the device.

Connect power

Caution

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back of the unit.
- Before connecting the AC power cord, ensure you have completed all other connections.

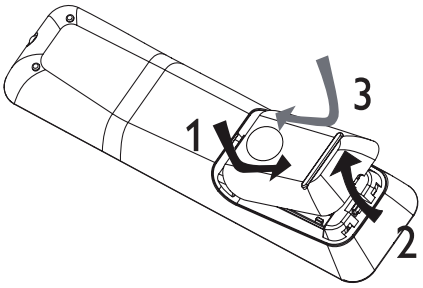
Note

- The type plate is located on the back of the product.

1 Connect the AC power cable to the wall socket.
↳ The player is ready to be set up for use.

4 Get started

Prepare the remote control



1 Open the battery compartment.
2 Insert two R03 or AAA batteries with correct polarity (+/-) as indicated.

3 Close the battery compartment.

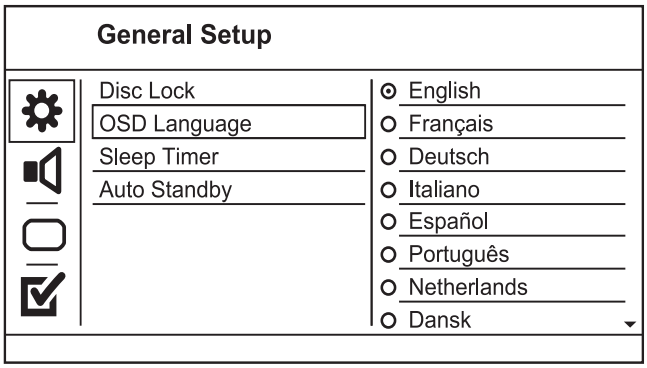
Caution

- Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Batteries contain chemical substances, so they should be disposed of properly.

Find the correct viewing channel

1 Press ⏻ to turn on this product.
2 Turn on the TV and switch to the correct video-in channel. (Refer to the TV user manual on how to select the correct channel.)

Select menu display language



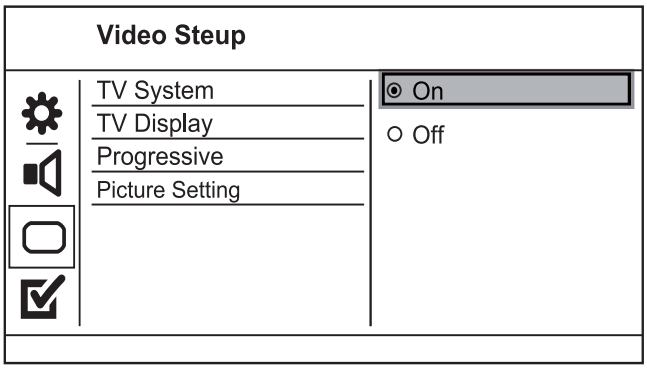
- The language options may vary from different regions.

1 Press **SETUP**.
↳ **[General Setup]** menu is displayed.
2 Select **[OSD language]**, then press▶.
3 Press ▲▼ to select a language, then press **OK**.

Turn on progressive scan

Note

- To use the progressive scan feature, you must connect a progressive scan TV with the component video jacks (see "Connect" > "Connect video cables" > "Option 1: Connect to the component video jacks" for details).



1 Turn on the TV to the correct viewing channel for this product.
2 Press **SETUP**.
3 Press ▼ to select **[Video Setup]**.
4 Select **[Progressive]** > **[On]**, then press **OK**.
↳ A warning message is displayed.
5 To proceed, select **[Ok]** and press **OK**.
↳ The progressive setup is complete.

Note

- If a blank/distorted screen is displayed, wait for 15 seconds for the auto recovery.
- If no picture is displayed, turn off the progressive scan mode as follows:
- 1) Press ⏏ to open the disc compartment.
- 2) Press the **Numeric button '1'**.

6 Press **SETUP** to exit the menu.
7 You can now turn on the progressive scan mode on the TV (see the TV user manual).

Note

- During play, when the progressive scan mode is on for both this product and the TV, distorted picture may display. In this case, turn off the progressive scan feature on both this product and the TV.

5 Play

Play a disc

Caution

- Do not place any objects other than discs into the disc compartment.
- Do not touch the disc optical lens inside the disc compartment.

1 Press ⏏ to open the disc compartment.
2 Insert a disc with its label facing up.

3 Press ▲ to close the disc compartment and start disc play.
- To view disc play, turn on the TV to the correct viewing channel for this product.
- To stop disc play, press ■.

Note

- Check the types of discs supported (see "Specifications" > "Play media").
- If the password entry menu is displayed, enter the password before you can play the locked or restricted disc (see "Adjust settings" > "Preferences" > **[Parental Control]**).
- If you pause or stop a disc, the screen saver appears after 5 minutes of inactivity. To deactivate the screen saver, press **DISC MENU**.
- After you pause or stop a disc and no button is pressed within 15 minutes, this product automatically switches to standby.

Play video

Note

- Some operations may not work with some discs. See the information accompanying the disc for details.

Control video play

1 Play a title.
2 Use the remote control to control the play.

Button	Action
▶II	Start, pause or resume disc play.
■	Stop disc play.
⏮, ⏭	Skip to a previous/next title or chapter.
◀◀, ▶▶	Search fast-backward or fast-forward. Press repeatedly to change the search speed.
▲, ▼	Search slow-forward or slow-backward. Press repeatedly to change the search speed. For VCD/SVCD, slow-backward search is not available.
AUDIO	Select an audio language or channel available on a disc.
SUBTITLE	Select a subtitle language availabel on a disc.
REPEAT	Select or turn off repeat mode. Repeat options may vary from disc type.
ZOOM	Fit the picture format to the TV screen. Press repeatedly until the image is scaled to fit to the TV screen.
ZOOM	Toggle between screen aspect ratio and different zoom factor. To pan through the zoomed image, press the **Navigation buttons**.
INFO	Access the play options and display the current disc status.

Access DVD menu

1 Press **DISC MENU** to access the disc root menu.
2 Select a play option, then press **OK**.
- In some menus, press the **Numeric buttons** to input your selection.

Access VCD menu

The PBC (playback control) feature is available for VCD/SVCD, which can display the contents menu for you to select a play option. The PBC is on by default in the factory.

Note

- See "Adjust settings" > **[Preferences]** > **[PBC]** on how to turn PBC on or off.

1 Display the contents menu via one of the following ways:
- If PBC is on, load in a VCD/SVCD.
- During play with PBC on, press ↩ **BACK**.

2 Press the **Numeric buttons** to select a play option, then press **OK** to start play.
- If PBC is turned off, it skips the menu display and starts play from the first track.

Preview disc contents

1 During play, press INFO.
↳ The disc status menu is displayed.
2 Select **[Preview]**, then press ▶.
3 Select a preview option, then press **OK**.
↳ A thumbnails preview screen is displayed.
- To go to the next/previous prview screen, select **[Prev]** or **[Next]**, then press **OK**.
- To start play, press **OK** at the selected thumbnail picture.

Skip play to a specific time

1 During play, press INFO.
 ↳ The disc status menu is displayed.
2 Select an option for the current elapsed playing time, then press ▶.
 - **[TT Time]** (title time)
 - **[Ch Time]** (chapter time)
 - **[Disc Time]** (disc time)
 - **[Track Time]** (track time)
3 Press the **Numeric buttons** to enter the time to skip to, then press **OK**.

Display play time

1 During play, press INFO.
 ↳ The disc status menu is displayed.
2 Select **[Time Disp.]**, then press ▶.
 ↳ The display options vary from disc type.
3 Select an option, then press **OK**.

View DVD play from different angles

1 During play, press INFO.
 ↳ The disc status menu is displayed.
2 Select **[Angle]**, then press▶.
3 Press the **Numeric buttons** to change the angle.
 ↳ Play changes to the selected angle.

Note

- Applicable only to discs contain multi-angle scenes.

Repeat play for a specific section

1 During play, press **REPEAT A-B** at the start point.
2 Press **REPEAT A-B** again to set the end point.
 ↳ Repeat play starts.
3 To cancel repeat play, press **REPEAT A-B** again.

Note

- The marked section for repeat play is only possible within a track/title.

Play music

Control a track

1 Play a track.
2 Use the remote control to control the play.

Button	Action
▶II	Start, pause or resume disc play.
■	Stop disc play.
⏮, ⏭	Skip to a previous/next track.
1 2 3 4 5 6 7 8 9 0	Select an item to play.
◀◀, ▶▶	Searches fast-backward or fast-forward. Press repeatedly to change the search speed.
REPEAT	Select or turn off repeat mode. Repeat options may vary from disc type.

Quick skip play

1 During play, press INFO repeatedly to select an option.

Display	Action
[Disc Go To]	Skip play to a specific time within the disc.
[Track Go To]	Skip play to a specific time within a track.
[Select Track]	Skip play to a specific track number.

2 Press the **numeric buttons** to change the time/number to skip to.

Play MP3/WMA music

MP3/WMA is a type of highly compressed audio file (files with .mp3, .wma extensions).

1 Insert a disc that contains the MP3/WMA music.
 ↳ A contents menu is displayed.
2 If play does not automatically start, select a track to play.
 - To select another track/folder, press ▲▼, then press **OK**.

Note

- For disc recorded in multiple sessions, only the first session is played.
- For a WMA file that is protected by Digital Rights Management (DRM), it cannot be played on this product.
- This product does not support MP3PRO audio format.
- For any special character that is present in the MP3 track name (ID3) or album name, it might not be displayed correctly on the screen because these characters are not supported.
- Folders/files that exceed the supported limit of this product cannot be displayed or played.

Play photo

Play photo as slideshow

You can play JPEG photos (files with .jpeg or .jpg extensions).

1 Insert a disc that contains the JPEG photos.
 ↳ Slideshow begins (for Kodak disc), or a contents menu (for JPEG disc) is displayed.
2 Select a photo folder, then press **OK** to start slideshow.
 - To preview the photos in thumbnail, press **INFO**.
 - To select a photo, press the **Navigation buttons**.
 - To enlarge the selected photo and start slideshow, press **OK**.
 - To return to the menu, press **BACK**.

Note

- It may require longer time to display the disc content on the TV due to the large number of songs/photos compiled onto one disc.
- If the JPEG photo is not recorded with an 'exif' type file, the actual thumbnail picture cannot be shown on the screen. It is replaced by a 'blue mountain' thumbnail picture.
- This player can only display digital camera pictures according to the JPEG-EXIF format, typically used by almost all digital cameras. It cannot display Motion JPEG, or pictures in formats other than JPEG, or sound clips associated with pictures.
- Folders/files that exceed the supported limit of this player cannot be displayed or played.

Control photo play

1 Play a photo slideshow.
2 Use the remote control to control the play.

Button	Action
◀/▶	Rotate a photo anti-clockwise/ clockwise.
▲/▼	Rotate a photo horizontally/ vertically.
ZOOM	Zoom in or out of a photo. Play pauses in zoom mode.
■	Stop a play.

Play musical slideshow

Create a musical slideshow to play MP3/WMA music files and JPEG photo files simultaneously.

Note

- To create a musical slideshow, the MP3/WMA and JPEG files must be stored on the same disc.

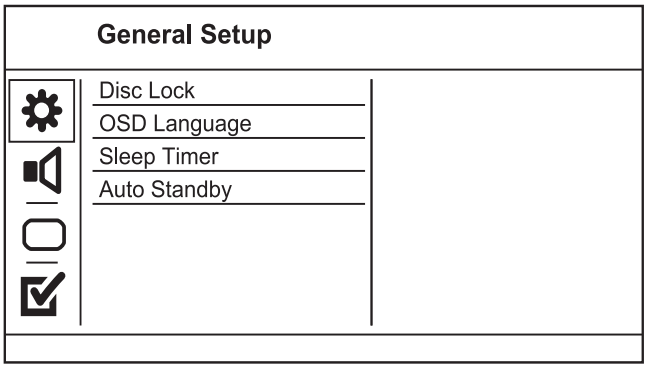
1 Play MP3/WMA music.
2 Press **BACK** to return to the main menu.
3 Navigate to the photo folder/album and press **OK** to start slideshow play.
 ↳ Slideshow begins and continues till the end of the photo folder or album.
 ↳ Audio continues to play until the end of the disc.
 - To stop slideshow play, press ■.
 - To stop music play, press ■ again.

6 Adjust settings

Note

- If the setup option is grayed out, it means the setting cannot be changed at the current state.

General setup



1 Press **SETUP**.
↳ **[General Setup]** menu is displayed.
2 Press ▶.
3 Select an option, then press **OK**.
4 Select a setting, then press **OK**.
- To return to the previous menu, press ◀.
- To exit the menu, press **SETUP**.

[Disc Lock]
Set play restriction for a disc which is loaded in the disc compartment (maximum 20 discs can be locked).
- **[Lock]** - Restrict access to the current disc. The next time you want to play this disc or unlock it, you need to enter the password.
- **[Unlock]** - Play all discs.

Tip

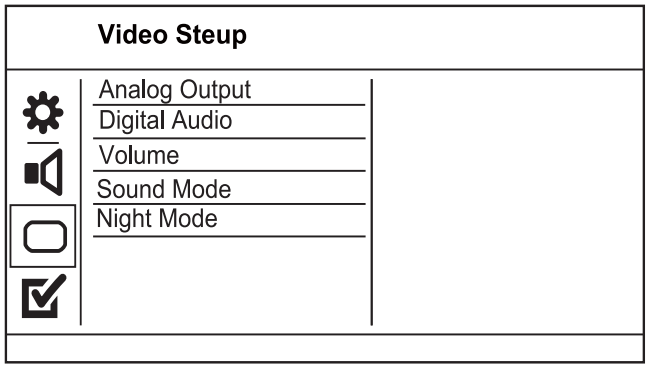
- You can set or change the password, go to **[Preferences]** > **[Password]**.

[OSD language]
Select an on-screen menu language.

[Sleep Timer]
Switch automatically to standby at the preset time.
- **[Off]** - Disable sleep mode.
- **[15 mins]**, **[30 mins]**, **[45 mins]**, **[60 mins]** -Select the count down time for this product to switch to standby.

[Auto standby]
Turn on or off automatically standby.
- **[On]** - Switch to standby 15 minutes of inactivity (for example, in pause or stop mode).
- **[Off]** - Disable the auto standby mode.

Audio setup



1 Press **SETUP**.
↳ **[General Setup]** menu is displayed.
2 Press ▼ to select **[Audio Setup]**, then press ▶.
3 Select an option, then press **OK**.
4 Select a setting, then press **OK**.
- To return to the previous menu, press ◀.
- To exit the menu, press **SETUP**.

[Analogue Output]
Select an analogue setting based on the audio device that is connected through the analogue audio jack.
- **[Stereo]** - For stereo output.
- **[LT/RT]** - For surround sound output through two speakers.

[Digital Audio]
Select a digital setting based on the digital amplifier/ receiver that is connected through the digital jack (coaxial/digital).
- **[Digital Output]** - Select a type of digital output.
 - **[Off]** - Disable digital output.
 - **[All]** - Support multi-channel audio formats.
 - **[PCM Only]** - Downmix to two-channel audio format.
- **[LPCM Output]** - Select the LPCM (Linear Pulse Code Modulation) output sampling rate.
 - **[48kHz]** - For discs recorded at sampling rate of 48 kHz.
 - **[96kHz]** - For discs recorded at sampling rate of 96 kHz.

Note

- **[LPCM Output]** setting is only available if the **[Digital Output]** is set to **[PCM Only]**.
- The higher the sampling rate, the better the sound quality.

[Volume]
Set the default volume level when you play a disc.

1. Press **OK**.
2. Press ◀▶ to set the volume.
3. Press **OK** to confirm and exit.

[Sound Mode]
Select a preset sound effect to enhance the audio output.
- **[3D]** - Select a virtual surround sound effect that is produced from the left and right audio channels.
- **[Movie Mode]** - Select a sound effect for movies.
- **[Music Mode]** - Select a sound effect for music.

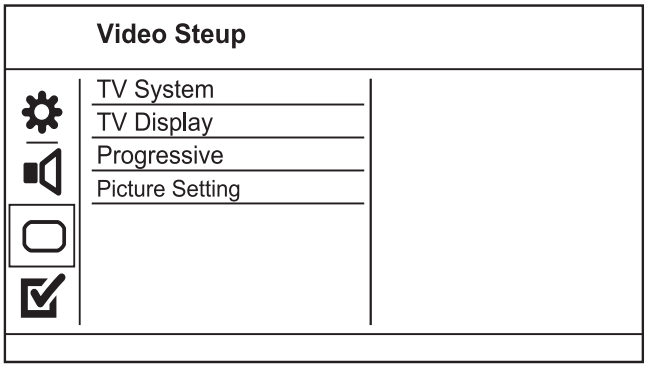
[Night Mode]
Make loud sound level softer and soft sound level louder so that you can watch the DVD movies at a low volume, without disturbing others.

- **[On]** – Enjoy quiet viewing at night.
- **[Off]** – Enjoy surround sound with a full dynamic range.

Note

- Applicable only to Dolby Digital encoded DVD.

Video setup



1 Press **SETUP**.
↳ **[General Setup]** menu is displayed.
2 Press ▼ to select **[Video Setup]**, then press ▶.
3 Select an option, then press **OK**.
4 Select a setting, then press **OK**.
- To return to the previous menu, press ◀.
- To exit the menu, press **SETUP**.

[TV System]
Change this setting if the video does not appear correctly. By default, this setting matches the most common setting for TVs in your country.

- **[PAL]** - For PAL-system TV.
- **[Multi]** - For TV that is compatible with both PAL and NTSC.
- **[NTSC]** - For NTSC-system TV.

[TV Display]
Select a display format:



- **[4:3 Pan Scan]** - For 4:3 screen TV: full-height display with the trimmed sides.
- **[4:3 Letter Box]** - For 4:3 screen TV: wide-screen display with black bars on the top and bottom of the screen.
- **[16:9]** - For wide-screen TV: display ratio 16:9.

[Progressive]
If a progressive scan TV is connected to this product, turn on the progressive scan mode.

- **[On]** - Turn on progressive scan.
- **[Off]** - Turn off progressive scan mode.

Note

- For more detailed description, see "Get started" > "Turn on progressive scan".

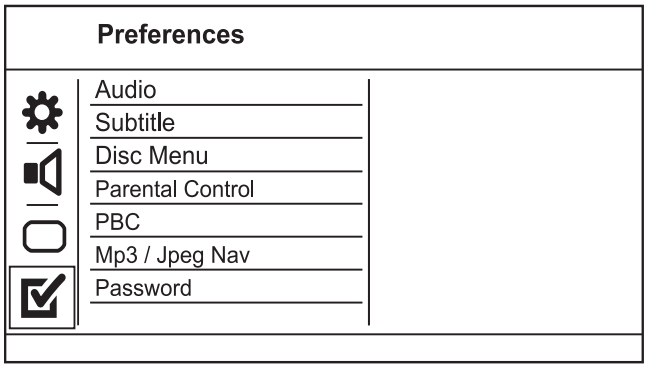
[Picture Setting]
Select a predefined set of picture color settings or customize the personal setting.

- **[Standard]** - Original color setting.
- **[Bright]** - Vibrant color setting.
- **[Soft]** - Warm color setting.
- **[Personal]** - Customize the color setting. Set the level of brightness, contrast, tint and color saturation, then press **OK**.

Preferences

Note

- Stop disc play before you can access to **[Preferences]**.



1 Press **SETUP**.
↳ **[General Setup]** menu is displayed.
2 Press ▼ to select **[Preferences]**, then press ▶.
3 Select an option, then press **OK**.
4 Select a setting, then press **OK**.
- To return to the previous menu, press ◀.
- To exit the menu, press **SETUP**.

[Audio]

Select an audio language for disc play.

[Subtitle]
Select a subtitle language for disc play.

[Disc Menu]
Select a disc menu language.

Note

- If the language you have set is not available on the disc, the disc uses its own default language.
- For some DVDs, the subtitle/audio language can only change from the disc menu.
- To select the languages that are not listed in the menu, select **[Others]**. Then check the Language Code list at the back of this user manual and enter the respective language code.

[Parental control]
Restrict access to discs that are unsuitable for children. These types of discs must be recorded with ratings.

1. Press **OK**.
2. Select a rating level, then press **OK**.
3. Press the **numeric buttons** to enter the password.

Note

- Rated DVDs above the level you set in **[Parental control]** require a password to be played.
- The ratings are country-dependent. To allow all discs to play, select '**8**'.
- Some discs have ratings printed on them but are not recorded with ratings. This function has no effect on such discs.

[PBC]
Turn on or off the content menu of VCDs/SVCDs with PBC (playback control) feature.

- **[On]** - Display the index menu when you load a disc for play.
- **[Off]** - Skip the menu and start play from the first title.

[MP3/JPEG Nav]
Select to display the folders or display all the files.

- **[View Files]** - Display all the files.
- **[View Folders]** - Display the folders of MP3/WMA files.

[Password]
Set or change the password for locked discs and play restricted DVDs.

1. Press the **Numeric buttons** to enter '136900' or the last set password at **[Old Password]** field.
2. Enter the new password at **[New Password]** field.
3. Enter the new password again at **[Confirm PWD]** field.
4. Press **OK** to exit the menu.

Note

- If you forget the password, enter '136900' before you set a new password.

[Version Info]
Display the software version of this product.

Tip

- This information is required when you want to find out if a newest software version is available at the Philips website that you may download and install on this product.

[Default]

Reset all the settings of this product to factory default, except for **[Disc Lock]**, **[Parental control]** and **[Password]** settings.

7 Additional information

Care

Caution

- Never use solvents such as benzene, thinner, cleaners available commercially, or anti-static sprays intended for discs.

Clean discs
Wipe the disc with a micro fibre cleaning cloth from the centre to the edge in a straight line movement.

Specifications

Note

- Specification and design are subject to change without notice

Accessories supplied
- Remote control and batteries
- Audio/Video cables
- User Manual

Play media
- DVD-Video, Video CD/SVCD, Audio CD, CD-R/CD-RW, DVD+R/+RW, DVD-R/-RW, Picture CD, MP3-CD, WMA-CD

TV standard
- Number of lines:
 - 625 (PAL/50Hz); 525 (NTSC/60Hz)
 - Play: Multi-standard (PAL/NTSC)

Video performance
- Video DAC: 12 bits, 108 MHz
- Y Pb Pr: 0.7 Vpp ~ 75 ohm
- Video output: 1 Vpp ~ 75 ohm

Video format
- Digital compression:
 - DVD/SVCD/VCD
- Horizontal resolution:
 - DVD: 720 pixels (50 Hz); 720 pixels (60 Hz)
 - VCD: 352 pixels (50 Hz); 352 pixels (60 Hz)
- Vertical resolution:
 - DVD: 576 pixels (50 Hz); 480 pixels (60 Hz)
 - VCD: 288 lines (50 Hz); 240 lines (60 Hz)

Audio performance
- DA converter: 24 bits, 192 kHz
- Frequency response:
 - DVD: 4 Hz - 22 kHz (48 kHz); 4 Hz - 44 kHz (96 kHz)
 - SVCD: 4 Hz - 20 kHz (44.1 kHz); 4 Hz - 22 kHz (48 kHz)
 - CD/VCD: 4 Hz - 20 kHz (44.1 kHz)
- Signal-Noise (1 kHz): > 90 dB (A-weighted)
- Dynamic range (1 kHz): > 80 dB (A-weighted)
- Crosstalk (1 kHz): > 90 dB
- Distortion/noise (1 kHz): > 65 dB
- MP3: MPEG L3

Audio format
- Digital:
 - MPEG/AC-3: Compressed digital (16, 20, 24 bits, fs 44.1, 48, 96 kHz)
 - MP3: 96, 112, 128, 256 kbps & variable bit rate, fs 32, 44.1, 48 kHz
- Analog sound stereo
- Dolby surround compatible downmix from Dolby Digital multi-channel sound

Connections
- Y Pb Pr output: Cinch 3x
- Video output: Cinch (yellow)
- Audio output (L+R): Cinch (white/red)
- Digital output:
 - 1 coaxial: IEC60958 for CDDA/LPCM; IEC61937 for MPEG 1/2, Dolby Digital

Main unit
- Dimensions (w x h x d): 360 x 37 x 209 (mm)
- Net Weight: approximately 1.3 kg

Power
- Power supply rating: 230 - 240V, 50HZ
- Power consumption: <10 W
- Power consumption in standby mode: <1 W

Laser specification
- Type: Semiconductor laser InGaAIP (DVD), AIGaAs (CD)
- Wave length: 658 nm (DVD), 790 nm (CD)
- Output Power: 7.0 mW (DVD), 10.0 mW (VCD/CD)
- Beam divergence: 60 degrees

8 Troubleshooting

Warning

- Risk of electric shock. Never remove the casing of the product.

To keep the warranty valid, never try to repair the product yourself.
If you have problems using this product, check the following points before you request service. If you still have a problem, register your product and get support at www.philips.com/welcome.
If you contact Philips, you will be asked for the model and serial number of your product. The model number and serial number are on the back of your product. Write the numbers here:
Model No. _____
Serial No. _____

Main unit

The buttons on this unit do not work.
- Disconnect this product from the power outlet for a few minutes, then connect again.

No reaction to the remote control.

- Connect this product to the power outlet.
- Point the remote control at the IR sensor located on the front panel of this product.
- Insert the batteries correctly.
- Insert new batteries in the remote control.

Picture

No picture.

- See the TVs user manual on how to select the correct input on the TV. Change the TV channel until you see the Philips screen.
- If you have turned on the progressive scan setting or change the TV system setting, switch back to default mode: 1) Press ▲ to open the disc compartment. 2) Press the **Numeric button '1'** (for progressive scan) or the **Numeric button'3'** (for TV system).

Sound

No audio output from the TV.

- Ensure that the audio cables are connected to the audio input of the TV.
- Assign the audio input of the TV to the corresponding video input. See the TV user manual for details.

No audio output from the loudspeakers of the audio device (stereo system/amplifier/receiver).

- Ensure that the audio cables are connected to the audio input of the audio device.
- Turn on the audio device to its correct audio input source.

Play

The aspect ratio of the screen is not aligned with the TV display setting.

- The aspect ratio is fixed on the disc.

9 Glossary

A

Aspect ratio
Aspect ratio refers to the length to height ratio of TV screens. The ratio of a standard TV is 4:3, while the ratio of a high-definition or wide TV is 16:9. The letter box allows you to enjoy a picture with a wider perspective on a standard 4:3 screen.

J

JPEG
A very common digital still picture format. A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio. Files are recognized by their file extension '.jpg' or '.jpeg.'

M

MP3
A file format with a sound data compression system. MP3 is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. With the MP3 format, one CD-R or CD-RW can contain about 10 times more data than a regular CD.

P

PBC
Playback Control. A system where you navigate through a Video CD/Super VCD with on-screen menus that are recorded onto the disc. You can enjoy interactive playback and search.

Progressive scan
The progressive scan displays twice the number of frames per second than in an ordinary TV system. It offers higher picture resolution and quality.

W

WMA
Windows Media™ Audio. Refers to an audio compression technology developed by Microsoft Corporation. WMA data can be encoded with Windows Media player version 9 or Windows Media player for Windows XP. Files are recognized by their file extension '.wma.'

PHILIPS
sense and simplicity

PHILIPS CONSUMER ELECTRONICS
WARRANTY POLICY FOR AUSTRALIA
Effective 1st July 2009

Philips provides its Consumer Electronics products with a 1 Year Manufacturers Warranty.

The benefits given to the purchaser by this warranty are in addition to all other rights and remedies, which the purchaser has in respect of the product under the Trade Practices Act or other Commonwealth or State Law.

The conditions contained in this warranty replace and override the provision of the Philips World-Wide Guarantee for products purchased in Australia and used in Australia.

Please record the following information for your records and keep in a safe place.
It is essential that you retain your original purchase receipt to make a warranty claim.

Model number :
Serial number :
Date of purchase :
Retailer :

If you require assistance with the operation of the product, its features or specifications, you may call the **Philips Technology Care Centre** on **1300 363 391** where support is provided by our trained staff.

If the product fails within 12 months from the date of purchase, please return the faulty product to the place of purchase.

Conditions of Warranty

a. All claims for warranty can only be made at the place of purchase and a copy of the purchase receipt is required for any warranty claim.
b. The warranty period is valid from the original date of purchase of the product.
c. This warranty extends only to defects in material or workmanship occurring under normal use of the product when operated in accordance with the instructions.
d. Philips may, at its discretion choose to repair rather than replace this product.
e. If a replacement product is supplied, it is warranted for the remainder of the warranty period, from the original date of purchase.
f. This Manufacturers Warranty is limited to 3 months for products used in commercial applications.
g. Product accessories are covered by the same warranty period. If an accessory is faulty, please contact the Philips Technology Care Centre on **1300 363 391**.
h. This Manufacturers Warranty is neither transferable nor valid in countries other than Australia.

This Warranty does not cover:-

a. Service costs arising from failure to correctly adjust the controls of the product or to observe the instructions, or inspections that reveal that the product is in normal working order.
b. Product failures caused by misuse, neglect, accidental breakage, transit damage, un-authorised repairs or modification by un-authorised persons, external fires, lightning strikes, floods, vermin infestation or liquid spillage.
c. Reception problems, replacement of worn or used batteries or other consumables.
d. Second hand products or refurbished products.
e. Products failure, caused by other products.

Version 1.3: 1st July 2009

New Zealand - Guarantee and Service for New Zealand

Thank-you for purchasing this quality Philips product.
Philips New Zealand Ltd guarantees this product against defective components and faulty workmanship for a period of 12 months. Any defect in materials or workmanship occurring within 12 months from the date of purchase subject to the following conditions will be rectified free of charge by the retailer from whom this product was purchased.

Conditions

1. The product must have been purchased in New Zealand. As proof of purchase, retain the original sales docket indicating the date of purchase.
2. The guarantee applies only to faults caused by defective components, or faulty workmanship on the part of the manufacturer.
3. The guarantee does not cover failures caused by misuse, neglect, normal wear and tear, accidental breakage, use on the incorrect voltage, use contrary to operating instructions, or unauthorised modification to the product or repair by an unauthorised technician.
4. Reasonable evidence (in the form of a sales docket) must be supplied to indicate that the product was purchased no more than 12 months prior to the date of your claim.
5. In the event of a failure, Philips shall be under no liability for any injury, or any loss or damage caused to property or products other than the product under guarantee.

 This guarantee does not prejudice your rights under common law and statute, and is in addition to the normal responsibilities of the retailer and Philips.

How to claim

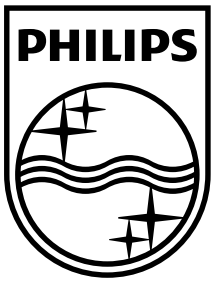
Should your Philips product fail within the guarantee period, please return it to the retailer from whom it was purchased. In most cases the retailer will be able to satisfactorily repair or replace the product.

However, should the retailer not be able to conclude the matter satisfactorily, or if you have other difficulties claiming under this guarantee, please contact

The Guarantee Controller
Philips New Zealand Ltd.
P.O. Box 41.021
Auckland
☎ (09) 84 94 160
fax ☎ (09) 84 97 858

Language Code

Abkhazian	6566
Afar	6565
Afrikaans	6570
Amharic	6577
Arabic	6582
Armenian	7289
Assamese	6583
Avestan	6569
Aymara	6589
Azerhaijani	6590
Bahasa Melayu	7783
Bashkir	6665
Belarusian	6669
Bengali	6678
Bihari	6672
Bislama	6673
Bokmål, Norwegian	7866
Bosanski	6683
Brezhoneg	6682
Bulgarian	6671
Burmese	7789
Castellano, Español	6983
Catalán	6765
Chamorro	6772
Chechen	6769
Chewa; Chichewa; Nyanja	7889
中文	9072
Chuang; Zhuang	9065
Church Slavic; Slavonic	6785
Chuvash	6786
Corsican	6779
Česky	6783
Dansk	6865
Deutsch	6869
Dzongkha	6890
English	6978
Esperanto	6979
Estonian	6984
Euskara	6985
Ελληνικά	6976
Faroese	7079
Français	7082
Frysk	7089
Fijian	7074
Gaelic; Scottish Gaelic	7168
Gallegan	7176
Georgian	7565
Gikuyu; Kikuyu	7573
Guarani	7178
Gujarati	7185
Hausa	7265
Herero	7290
Hindi	7273
Hiri Motu	7279
Hrwatski	6779
Ido	7379
Interlingua (International)	7365
Interlingue	7365
Inuktitut	7385
Inupiaq	7375
Irish	7165
Íslenska	7383
Italiano	7384
Ivrit	7269
Japanese	7465
Javanese	7486
Kalaallisut	7576
Kannada	7578
Kashmiri	7583
Kazakh	7575
Kernewek	7587
Khmer	7577
Kinyarwanda	8287
Kirghiz	7589
Komi	7586
Korean	7579
Kuanyama; Kwanyama	7574
Kurdish	7585
Lao	7679
Latina	7665
Latvian	7686
Letzeburgesch;	7666
Limburgan; Limburger	7673
Lingala	7678
Lithuanian	7684
Luxembourgish;	7666
Macedonian	7775
Malagasy	7771
Magyar	7285
Malayalam	7776
Maltese	7784
Manx	7186
Maori	7773
Marathi	7782
Marshallese	7772
Moldavian	7779
Mongolian	7778
Nauru	7865
Navaho; Navajo	7886
Ndebele, North	7868
Ndebele, South	7882
Ndonga	7871
Nederlands	7876
Nepali	7869
Norsk	7879
Northern Sami	8369
North Ndebele	7868
Norwegian Nynorsk;	7878
Occitan; Provencal	7967
Old Bulgarian; Old Slavonic	6785
Oriya	7982
Oromo	7977
Ossetian; Ossetic	7983
Pali	8073
Panjabi	8065
Persian	7065
Polski	8076
Português	8084
Pushto	8083
Russian	8285
Quechua	8185
Raeto-Romance	8277
Romanian	8279
Rundi	8278
Samoan	8377
Sango	8371
Sanskrit	8365
Sardinian	8367
Serbian	8382
Shona	8378
Shqip	8381
Sindhi	8368
Sinhalese	8373
Slovensky	8373
Slovenian	8376
Somali	8379
Sotho; Southern	8384
South Ndebele	7882
Sundanese	8385
Suomi	7073
Swahili	8387
Swati	8383
Svenska	8386
Tagalog	8476
Tahitian	8489
Tajik	8471
Tamil	8465
Tatar	8484
Telugu	8469
Thai	8472
Tibetan	6679
Tigrinya	8473
Tonga (Tonga Islands)	8479
Tsonga	8483
Tswana	8478
Türkçe	8482
Turkmen	8475
Twi	8487
Uighur	8571
Ukrainian	8575
Urdu	8582
Uzbek	8590
Vietnamese	8673
Volapuk	8679
Walloon	8765
Welsh	6789
Wolof	8779
Xhosa	8872
Yiddish	8973
Yoruba	8979
Zulu	9085



© 2009 Koninklijke Philips Electronics N.V.
All rights reserved.
Document order number: DVP3100_79_UM_V2.0

